Bruhat Bengaluru Mahanagara Palike

BRUHAT BENGALURU MAHANAGARA PALIKE, YELAHANKA DIVISION

Name of work:" Asphalting to roads at Sai Arcade, G Ramaiah and surrounding areas in ward no -03 Yelahanka Satellite Town sub Division".

BAR CHART

"SECOND & PART BILL "

BRUHAT BANGALORE MAHANAGARA PALIKE

Name of work : Asphalting to roads at Sai Archade,G Ramaiah, and surrounding areas in ward no -03 Yelahanka Satellite Town sub Division" Est cost Rs. 200 Lakhs

Sl No	Description of Work	Unit	BOQ Qty	Executed Qty	Mar-21	Apr-21	May-21	Jun-21	Jul-21	Aug-21
1	KSRRB 300-1. Earth work excavation by manual means in Ordinary Soil soil involving an average horizontal throw upto 2 meters and an average lift upto 0.5m, excavated surface leveled and sides neatly dressed, the disposed earth to be leveled neatly after breaking of clods complete as per specifications complete as per specifications.MORTH chapter 3. P No. 143/ Item No. 19.1/ PWD SR 2018-19	Cum	1178.74	466.87						
2	KSRRMBM2990 Plain cement concrete of mix M10 MIX with crushed stone aggregaes 40mm nomial size mechanically mixed, placed infoundation and compacted by viberation including cost of all materials, labour, HOM of machinery, curing complete as per specifications. Specification No. p No. 254/ Item No. 34.2/PWD SR 2018-19	Cum	221.33	57.85						
3	Providing and laying plain/ reinforced cement concrete for side drains using M20 nomial mix concrete with OPC cement @ 300kgs, with 20mm and down size granite metal coarse aggregates @0.69cum and fine aggregates @0.43cum machine mixed, well compacted for walls and bottom including centering, shuttering, cost of materials, HOM of machinery, curing etc, complete excluding cost of stell as per MORTH specification NO. 1500, 1700, 2200. Including cost of materials, labour, HOM complete as per specifications. Item No. 27.50.2/ [illegible] 371/PWD SR 2018-19	Cum	324.08	100.98						
4	KSRB 4.9.2 : Providing T.M.T steel reinforcement for R.C.C work including straightening, cutting, bending, hooking, placing in position, lapping and / or welding wherever required, tying with binding wire and anchoring to the adjoining members wherever necessary complete as per design (laps, hooks and wastage shall not be measured and paid) cost of materials, labour, HOM complete as per specifications. Specificatio (I No-28.8.2,P No-229)	Tonne	18.14	6.34						
6	Providing and Fixing pre cast covering Slab made out of CC 1:2:4 with 10cm thick and Finishing cutting ,including form work,curing,including cost of alll materials, labour,hire charges of machinery,loading,unloading,lead and lift,transportation etc ,copmplete. (Data Rate)	Sqm	271.10	261.73						
7	Providing and fixing pre cast solid cement concrete kerb stones made out of C.C 1:2:4 with top and bottom width 114 and 165mm repectively, 400mm high and 450mm in length finished with CM 1:3 plastering and finishing cutting, including formwork curing, including, cost of all materials, labour hire charges of machinery, loading unloading, lead and lift, transportation etc, complete. Page No. 27/ Item No. 5.30/ PWD SR 2018-19	Sqm	783.18	646.00						
8	KSRB 800-1 Providing two coats after filling the surface with synthetic enamel paint in approved shades on new plastered surfaces, with materials, labour, complete as per specifications-MORTH chapter 8. (P.No.180, I.No.24.1 of PW, P&IWTD SR 2018-19)	Sqm	3857.00	87.24						

SHRIM CONSTRUCTION AND CONSULTANCY

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9	KSRRB M300-13.Excavation for road way in hard rock (requiring blasting) by drilling and breaking, trimming of bottom and side slopes in accordance with requirements of lines, grades and cross sections, loading and stacking at site of cut road with lead of 1.00 km and complete as per specifications (excavated rock credited to contractor) MORTH specification	Sqm	723.64	1216.84	
10	KSRRB 300-Compaction KSRRB 300-58. Compaction of original ground with maximum of 6 passes of 8 to 10 tonnes power roller including filling in depression occuring during rolling including cost of all labour, HOM of machinery complete as per specifications. MORTH / Chanter 3 KPWD S R 2018-19 Page No 147 I No 19.64	Cum	0.00	4056.14	
11	Construction of granular sub-base Grading-V as Sub-base and drainage layer by providing coarse graded crushed stone aggregates of granite/ trap/basalt material,mixing by mix in place method with rotavator at OMC, spreading in uniform layers with motor grader on prepared surface and compacting with vibratory power roller to achieve the 98 % proctor density, complete as per specifications. Clause 401 of MORTH V Revision.	Sqm	0.00	557.50	
12	KSRRB M400-17. Providing, laying, spreading and compacting cushed stone aggregates of granite / trap / basalt to wet mix macadam specifications including pre mixing the material with water at OMC in mechanical mix plant carriage of mixed materials by tipper to site, laying in uniform layers with paver in sub-base/base course on well prepared surface and compacting with vibratory roller to achieve the desired density complete as per specifications MORTH Specification No 406	Cum	0.00	912.63	
E1	Providing & laying precast drain cover slab of 250 mm thickness in CM 1:3 including cost of all materials, labour, curing, transportation, loading, unloading etc, complete as per the directions of the Engineer In Charge (1.2 x 0.60 x 0.25)Data rate	Cum	0.00	23.16	
E2	Constructing un-reinforced, plain cement Pavements using Grade M-30 over a prepared base with OPC 360 kg/cum coarse aggregate at 0.69cum, fine aggregates at 0.46cum, Coarse and fine aggregate confirming to IS:383-2016 with Superplastizer at 3lts conforming to IS 9103-2008. mixed in a concrete mixer of not less than 0.6 cum capacity and appropriate weigh batcher as per approved mix design, laid in approved fixed side form work (steel channel, laying and fixing of 125 micronthick polythene film, wedges, steel plates including levelling the form work as per drawing). & Spreading the concrete with shovels, rackers compacted using needle, screed and plate vibrator and finished with floaters in a continous operation including provision of contraction, expansion, construction and longitudinal joints, including groove cutting charges, joint filler, separation membrane of impermiable plastic sheet of 125 micron, sealant primer, joint sealant, admixtures as approved, curing compound, finishing to lines and grades, textured with texturing machine, and curing including cost of all materials, labour, hire charges of machineries, all lead & lift	Sqm	0.00	50.93	

= Planned
= Executed

SHRIYA CONSTRUCTION AND CONSULTANCY

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